Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

## UTILITY PATENT APPLICATION **TRANSMITTAL**

Please type a plus sign (+) inside this box +

RTN-098AUS Attorney Docket No. Michael R. Franceschini First Inventor FREQUENCY DOMAIN DIRECT SEQUENCY

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Express Mail Label No. EF380712283US

APPLICATION ELEMENTS				ADDRESS TO: Assistant Commissioner for Patents Box Patent Application			
See MPEP chapter 600 concerning utility patent application contents.			ADDRESS 10: Box Patent Application Washington, DC 20231				
Fee Transmittal Form (e.g., PTO/SB/17)			7. CD-ROM or CD-R in duplicate, large table or				
(Submu an original and a duplicate for fee processing)     Applicant claims small entity status.			Computer Program ( <i>Appendix</i> )  8. Nucleotide and/or Amino Acid Sequence Submission				
See 37 CFR 1.27.			(if applicable, all necessary)				
3. Specification [Total Pages 23]			a. Computer Readable Form (CRF)				
<ul> <li>Descriptive title of the invention</li> <li>Cross Reference to Related Applications</li> </ul>			b. Specification Sequence Listing on:				
- Statement Regarding Fed sponsored R & D			i. CD-ROM or CD-R (2 copies); or				
<ul> <li>Reference to sequence listing, a table, or a computer program listing appendix</li> </ul>			ii. paper				
- Background of the Invention			c. Statements verifying identity of above copies				
<ul> <li>Brief Summary of the Invention</li> <li>Brief Description of the Drawings (if filed)</li> </ul>			ACCOMPANYING APPLICATION PARTS				
- Detailed Description			Assignment Papers (cover sheet & document(s))				
<ul><li>Claim(s)</li><li>Abstract of the Disclosure</li></ul>			10. 37 CFR 3.73(b) Statement (when there is an assignee) Power of Attorney				
4 X Drawing(s) (35 U.S.C. 113) [ Total Sheets 3 ]			11. English Translation Document (if applicable)				
5. Oath or Declaration [ Total Pages ]			12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations				
a. Newly executed (original or copy)			13. Preliminary Amendment				
Copy from a prior application (37 CFR 1.63 (d)) b. (for continuation/divisional with Box 18 completed)			14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)				
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s)			15. Certified Copy of Priority Document(s) (if foreign priority is claimed)				
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).			16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.				
6. Application Data Sheet. See 37 CFR 1.76			17. Other:				
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,							
or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisional Continuation-in-part (CIP) of prior application No.:							
Pnor application information: Examiner Group Art Unit.							
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b. is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.							
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS							
022404							
Customer Number or Bar Code Label  (Invert Customer No. or Attach for code tabel here)  Correspondence address below							
Name	Donald F. Mofford						
	Daly, Crowley & Mofford, LLP						
Address	Address 275 Turnpike Street, Suite 101						
City	Canton	St	ate	MA	Zip Code	02021-2310	
Country	US	Teleph	one	781.401.9988 ext. 1	Fax	781-401-9966	
Name (Print/Type)	Donald F. Mofford Registration			istration No. (Attorney	/Agent) 3	3,740	
() Daniel I alclas							
Signature	yard y villy	Time V		lonending upon the needs		ann Any comments of	

burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments of the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Washington, DC 20231.